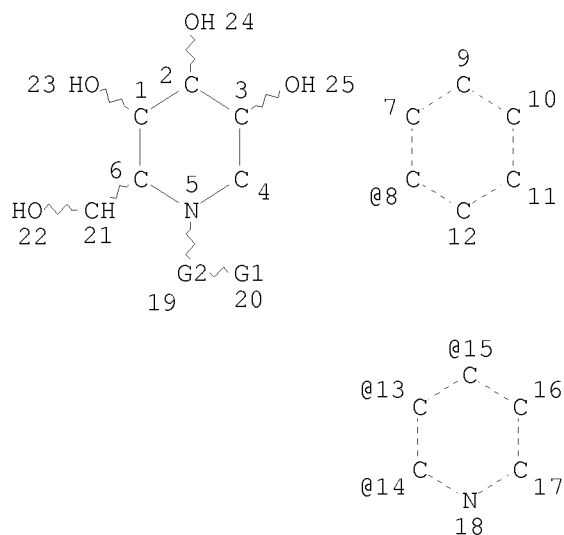


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=> d 13
L3 HAS NO ANSWERS
L3 STR
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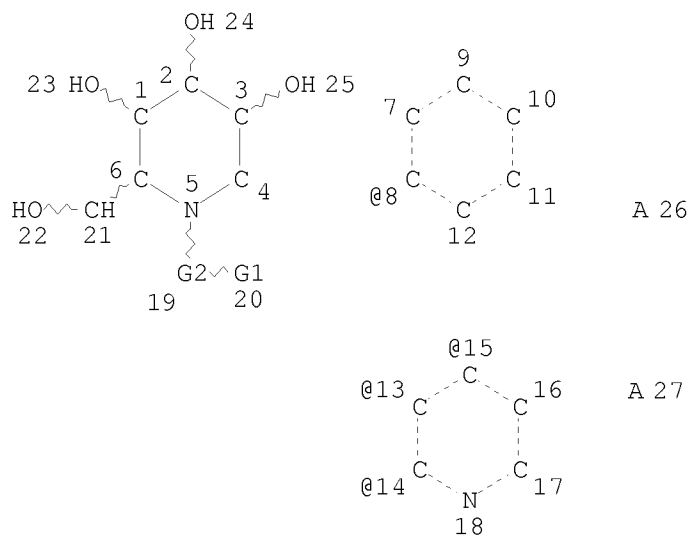


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REP G2=(1-4) CH
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED
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GRAPH ATTRIBUTES:
RSPEC 4 14 11
NUMBER OF NODES IS 25
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STEREO ATTRIBUTES: NONE
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L8 HAS NO ANSWERS
L8 STR
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VAR G1=8/15/13/14  
REP G2=(1-4) CH  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RSPEC 4 14 11  
NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

=> d his 15

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L5 218 S L3 FUL

=> d his 19

(FILE 'REGISTRY' ENTERED AT 15:43:27 ON 12 NOV 2008)  
L9 144 SEARCH L8 SSS SUB=L5 FUL

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	48.08	229.89

FILE 'CAPLUS' ENTERED AT 15:51:32 ON 12 NOV 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 12 Nov 2008 VOL 149 ISS 20  
FILE LAST UPDATED: 11 Nov 2008 (20081111/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s 19

L10 37 L9

=> d bib 1-37

L10 ANSWER 1 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2008:720125 CAPLUS  
 DN 149:104947  
 TI 1-Deoxynojirimycin(DNJ) derivatives, their preparation and application  
 IN Liu, Hongmin; Zhang, Hongyu; Zhao, Yufen  
 PA Zhengzhou University, Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 9pp.  
 CODEN: CNXXEV

DT Patent  
 LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101195602	A	20080611	CN 2007-10300062	20071225
PRAI	CN 2007-10300062		20071225		

L10 ANSWER 2 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:1360775 CAPLUS

DN 148:33972

TI Preparation of deoxynojirimycin and D-arabinitol analogs as  
 $\alpha$ -glucosidase inhibitors

IN Butters, Terry D.; Dwek, Raymond A.; Fleet, George W. J.

PA UK

SO U.S. Pat. Appl. Publ., 21pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20070275998	A1	20071129	US 2007-752015	20070522
	WO 2007140184	A2	20071206	WO 2007-US69448	20070522
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW	
	RW:			AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	

PRAI US 2006-802776P P 20060524

OS MARPAT 148:33972

L10 ANSWER 3 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2006:1229193 CAPLUS

DN 146:798

TI A method for the treatment of Pompe disease using 1-deoxynojirimycin and derivatives

IN Mugrage, Benjamin

PA Amicus Therapeutics, Inc., USA

SO PCT Int. Appl., 102pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006125141	A2	20061123	WO 2006-US19406	20060517

WO 2006125141 A3 20070913

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

AU 2006247065 A1 20061123 AU 2006-247065 20060517

CA 2612538 A1 20061123 CA 2006-2612538 20060517

US 20060264467 A1 20061123 US 2006-440473 20060517

EP 1896083 A2 20080312 EP 2006-770637 20060517

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU

MX 200714470 A 20080206 MX 2007-14470 20071116

KR 2008025373 A 20080320 KR 2007-729464 20071217

IN 2007DN09766 A 20080620 IN 2007-DN9766 20071217

PRAI US 2005-682241P P 20050517

US 2005-729329P P 20051021

WO 2006-US19406 W 20060517

OS MARPAT 146:798

L10 ANSWER 4 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:673262 CAPLUS

DN 143:153648

TI Preparation of piperidine imino sugar derivatives as glucosylceramide synthase (GCS) inhibitors

IN Scopes, David Ian Carter; Orchard, Michael Glen

PA Celltech R & D Limited, UK

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005068426	A1	20050728	WO 2005-GB71	20050111
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2005205221	A1	20050728	AU 2005-205221	20050111
	CA 2552550	A1	20050728	CA 2005-2552550	20050111
	EP 1709000	A1	20061011	EP 2005-701841	20050111
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	CN 1910150	A	20070207	CN 2005-80002309	20050111
	BR 2005006843	A	20070612	BR 2005-6843	20050111

JP 2007517846 T 20070705 JP 2006-548389 20050111  
 US 20080234324 A1 20080925 US 2006-586188 20060714  
 PRAI GB 2004-812 A 20040114  
 WO 2005-GB71 W 20050111  
 OS CASREACT 143:153648; MARPAT 143:153648  
 RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2005:482808 CAPLUS  
 DN 143:109781  
 TI Immunoregulator for inhibiting interleukin-4 and stimulating interferon  
 and preparing method thereof  
 IN Zhang, Xiaolian; Zhou, Xiang; Xie, Peng  
 PA Wuhan Univ., Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, No pp. given  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1528747	A	20040915	CN 2003-10111254	20031021
	CN 1243737	C	20060301		
PRAI	CN 2003-10111254		20031021		

L10 ANSWER 6 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2004:1127337 CAPLUS  
 DN 142:74459  
 TI Preparation of 2-hydroxymethyl-3,4,5-trihydroxy-1-benzilpiperidine  
 derivatives as glucosylceramide inhibitors  
 IN Orchard, Michael Glen  
 PA Oxford Glycosciences UK Limited, UK  
 SO PCT Int. Appl., 18 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004111002	A1	20041223	WO 2004-GB2451	20040609
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004247469	A1	20041223	AU 2004-247469	20040609
	CA 2528323	A1	20041223	CA 2004-2528323	20040609
	EP 1636186	A1	20060322	EP 2004-736403	20040609
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	BR 2004011308	A	20060711	BR 2004-11308	20040609
	CN 1805933	A	20060719	CN 2004-80016298	20040609
	JP 2006527253	T	20061130	JP 2006-516391	20040609
	US 20070112028	A1	20070517	US 2007-560385	20070112

PRAI GB 2003-13678 A 20030613  
 WO 2004-GB2451 W 20040609  
 OS CASREACT 142:74459; MARPAT 142:74459  
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2004:1127336 CAPLUS  
 DN 142:56619  
 TI Preparation of 2-hydroxymethyl-3,4,5-trihydroxy-1-(4-pentyloxybenzyl)-  
 piperidine as glucosylceramide synthase inhibitor  
 IN Orchard, Michael Glen; Scopes, David Ian Carter  
 PA Oxford Glycosciences UK Ltd, UK  
 SO PCT Int. Appl., 16 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111001	A1	20041223	WO 2004-GB2450	20040609
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AU 2004247468	A1	20041223	AU 2004-247468	20040609
CA 2528322	A1	20041223	CA 2004-2528322	20040609
EP 1641755	A1	20060405	EP 2004-736421	20040609
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1805934	A	20060719	CN 2004-80016299	20040609
BR 2004011293	A	20060829	BR 2004-11293	20040609
JP 2006527252	T	20061130	JP 2006-516390	20040609
US 20070259918	A1	20071108	US 2007-560383	20070329
PRAI GB 2003-13677	A	20030613		
WO 2004-GB2450	W	20040609		

OS MARPAT 142:56619  
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2004:498585 CAPLUS  
 DN 141:207451  
 TI Specific inhibition effects of N-pentafluorobenzyl-1-deoxynojirimycin on  
 human CD4+ T cells  
 AU Zhang, Xiao-Lian; Liu, Min; Xie, Peng; Wan, Shuhui; Tao Ye, Jia; Zhou,  
 Xiang; Wu, Jianguo  
 CS Department of Immunology, College of Medicine, Wuhan University, Wuhan,  
 430071, Peop. Rep. China  
 SO Bioorganic & Medicinal Chemistry Letters (2004), 14(14), 3789-3792  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English

OS CASREACT 141:207451

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:60472 CAPLUS

DN 140:94233

TI Preparation of aza-sugar piperidinetriol derivatives as antiviral and  
antitumor agents and inhibitors of glycosylceramide synthase

IN Ali, Mezher Hussein; Orchard, Michael Glen

PA Oxford Glycosciences (UK) Ltd., UK

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004007454	A1	20040122	WO 2003-GB3244	20030717
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2492410	A1	20040122	CA 2003-2492410	20030717
	AU 2003248960	A1	20040202	AU 2003-248960	20030717
	EP 1554245	A1	20050720	EP 2003-764031	20030717
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2005536506	T	20051202	JP 2004-520913	20030717
	US 20060111400	A1	20060525	US 2005-522207	20051027
PRAI	GB 2002-16656	A	20020717		
	GB 2003-1480	A	20030122		
	GB 2003-13674	A	20030613		
	WO 2003-GB3244	W	20030717		

OS MARPAT 140:94233

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:60471 CAPLUS

DN 140:94232

TI Preparation of aza-sugar piperidinetriol derivatives as antiviral and  
antitumor agents and inhibitors of glycosylceramide synthase

IN Ali, Mezher Hussein; Orchard, Michael Glen

PA Oxford Glycosciences (UK) Ltd., UK

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004007453	A1	20040122	WO 2003-GB3099	20030717
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 CA 2492404 A1 20040122 CA 2003-2492404 20030717  
 AU 2003246942 A1 20040202 AU 2003-246942 20030717  
 EP 1534676 A1 20050601 EP 2003-764025 20030717  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 JP 2005536503 T 20051202 JP 2004-520900 20030717  
 US 20060058349 A1 20060316 US 2005-522208 20051027  
 PRAI GB 2002-16656 A 20020717  
 GB 2003-1480 A 20030122  
 GB 2003-13679 A 20030613  
 WO 2003-GB3099 W 20030717  
 OS MARPAT 140:94232  
 RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2000:573657 CAPLUS  
 DN 133:172150  
 TI Use of substituted-1,5-dideoxy-1,5-imino-D-glucitol compounds for treating  
 hepatitis virus infections  
 IN Mueller, Richard A.; Bryant, Martin L.; Partis, Richard A.  
 PA G.D. Searle and Co., USA  
 SO PCT Int. Appl., 170 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047198	A2	20000817	WO 2000-US3768	20000214
	WO 2000047198	A3	20010215		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2362914	A1	20000817	CA 2000-2362914	20000214
	EP 1165080	A2	20020102	EP 2000-914585	20000214
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002536407	T	20021029	JP 2000-598151	20000214
	US 6545021	B1	20030408	US 2000-503945	20000214
	EP 1658846	A1	20060524	EP 2005-27240	20000214
	EP 1658846	B1	20080730		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	AT 402701	T	20080815	AT 2005-27240	20000214
	US 20030220299	A1	20031127	US 2003-341717	20030114
	US 20060264468	A1	20061123	US 2006-472542	20060622
PRAI	US 1999-119722P	P	19990212		



US 1999-119856P	P	19990212
EP 2000-914585	A3	20000214
US 2000-503945	A1	20000214
WO 2000-US3768	W	20000214
US 2003-341717	B1	20030114

OS MARPAT 133:172150

L10 ANSWER 12 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:209108 CAPLUS

DN 129:2068

OREF 129:515a,518a

TI A glycosidase antibody elicited against a chair-like transition state analog by in vitro immunization

AU Yu, Jaehoon; Choi, So Young; Moon, Kyung-Duk; Chung, Hyun-Ho; Youn, Hyun Joo; Jeong, Sunjoo; Park, Hokoon; Schultz, Peter G.

CS Division Applied Science, Korea Institute Science Technology, Seoul, 131-791, S. Korea

SO Proceedings of the National Academy of Sciences of the United States of America (1998), 95(6), 2880-2884

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1997:119556 CAPLUS

DN 126:225483

OREF 126:43611a,43614a

TI New deoxynojirimycin derivatives as potent inhibitors of intestinal  $\alpha$ -glucohydrolases

AU Lesur, Brigitte; Ducep, Jean-Bernard; Lalloz, Marie-Noelle; Ehrhard, Anne; Danzin, Charles

CS Marion Merrell Res. Inst., Strasbourg, 67080, Fr.

SO Bioorganic & Medicinal Chemistry Letters (1997), 7(3), 355-360

CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier

DT Journal

LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1996:469931 CAPLUS

DN 125:196238

OREF 125:36771a,36774a

TI Preparation of N-derivatives of 1-deoxynojirimycin for treatment of hyperglycemia, obesity, and human immunodeficiency virus infection.

IN Lesur, Brigitte; Ducep, Jean-Bernard; Danzin, Charles

PA Merrell Pharmaceuticals Inc., USA

SO U.S., 15 pp., Cont.-in-part of U.S. 5, 252, 587.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5536732	A	19960716	US 1993-92183	19930714
	EP 453692	A1	19911030	EP 1990-401169	19900427
	R: FR				

US 5252587 A 19931012 US 1992-898992 19920615  
 PRAI EP 1990-401169 A 19900427  
 US 1991-691189 B2 19910425  
 US 1992-898992 A2 19920615  
 OS MARPAT 125:196238

L10 ANSWER 15 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1994:457880 CAPLUS

DN 121:57880

OREF 121:10453a,10456a

TI Preparation of N-(silylalkyl)deoxynojirimycin derivatives and related compounds for treatment of hyperglycemia

IN Lesur, Brigitte; Ducep, Jean Bernard; Danzin, Charles

PA Merrell Dow Pharmaceuticals, Inc., USA

SO U.S., 16 pp. Cont.-in-part of U.S. Ser. No. 691,189, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5252587	A	19931012	US 1992-898992	19920615
	EP 453692	A1	19911030	EP 1990-401169	19900427
	R: FR				
	US 5536732	A	19960716	US 1993-92183	19930714
PRAI	EP 1990-401169	A	19900427		
	US 1991-691189	B2	19910425		
	US 1992-898992	A2	19920615		
OS	MARPAT 121:57880				

L10 ANSWER 16 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1993:496007 CAPLUS

DN 119:96007

OREF 119:17345a,17348a

TI Chemical modification of aza sugars, inhibitors of N-glycoprotein-processing glycosidases and of HIV-I infection. Review and structure-activity relationships

AU van den Broek, L. A. G. M.; Vermaas, D. J.; Heskamp, B. M.; van Boeckel, C. A. A.; Tan, M. C. A. A.; Bolscher, J. G. M.; Ploegh, H. L.; van Kemenade, F. J.; de Goede, R. E. Y.; Miedema, F.

CS Dep. Med. Chem. III, Organon Int. BV, Oss, 5340 BH, Neth.

SO Recueil des Travaux Chimiques des Pays-Bas (1993), 112(2), 82-94

CODEN: RTCPA3; ISSN: 0165-0513

DT Journal

LA English

L10 ANSWER 17 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1992:236093 CAPLUS

DN 116:236093

OREF 116:40021a,40024a

TI Preparation of 1-deoxygalactostatin derivatives as  $\beta$ -galactosidase inhibitors

IN Ezure, Yohji; Maruo, Shigeaki; Miyazaki, Katsunori; Yamada, Naoyoshi

PA Nippon Shinyaku Co., Ltd., Japan

SO PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----

PI WO 9200277 A1 19920109 WO 1991-JP866 19910627  
W: CA, JP, NO, US  
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE  
CA 2086413 A1 19911230 CA 1991-2086413 19910627  
EP 536402 A1 19930414 EP 1991-911965 19910627  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE  
PRAI JP 1990-173629 A 19900629  
JP 1991-35546 A 19910204  
WO 1991-JP866 W 19910627  
OS MARPAT 116:236093

L10 ANSWER 18 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1991:566624 CAPLUS

DN 115:166624

OREF 115:28359a,28362a

TI Antiviral drug formulations containing moranoline derivatives

IN Yoshikuni, Yoshiaki; Nakane, Masayuki

PA Nippon Shinyaku Co., Ltd., Japan

SO PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9103242	A1	19910321	WO 1990-JP1141	19900906
	W: CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	CA 2065446	A1	19910308	CA 1990-2065446	19900906
	EP 491041	A1	19920624	EP 1990-913255	19900906
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
PRAI	JP 1989-232135	A	19890907		
	JP 1990-120422	A	19900510		
	WO 1990-JP1141	W	19900906		
OS	MARPAT 115:166624				

L10 ANSWER 19 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1991:444896 CAPLUS

DN 115:44896

OREF 115:7705a,7708a

TI Effect of 1-epoxyalkyl-1-deoxynojirimycins on exoglucosidases

AU Liotta, Louis J.; Lee, Jeehiun; Ganem, Bruce

CS Dep. Chem., Cornell Univ., Ithaca, NY, 14853, USA

SO Tetrahedron (1991), 47(14-15), 2433-47

CODEN: TETRAB; ISSN: 0040-4020

DT Journal

LA English

OS CASREACT 115:44896

L10 ANSWER 20 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1991:185939 CAPLUS

DN 114:185939

OREF 114:31427a

TI Preparation of N-substituted 1-deoxynojirimycins as tumor metastasis inhibitors.

IN Kurihara, Hiroshi; Yoshida, Seishi; Tsuruoka, Tsutomu; Tsuruoka, Takashi; Yamamoto, Haruo; Fukuyasu, Shunkai

PA Meiji Seika Kaisha, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 02306962	A	19901220	JP 1989-127499	19890519
PRAI	JP 1989-127499		19890519		
OS	CASREACT 114:185939; MARPAT 114:185939				

L10 ANSWER 21 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:526581 CAPLUS

DN 113:126581

OREF 113:21313a,21316a

TI Use of 2-hydroxymethyl-3,4,5-trihydroxypiperidines as antiviral agents

IN Boeshagen, Horst; Junge, Bodo; Kinast, Guenther; Schueller, Matthias;  
Stoltefuss, Juergen; Paessens, Arnold

PA Bayer A.-G., Fed. Rep. Ger.

SO Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 315017	A2	19890510	EP 1988-117701	19881025
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE				
	DE 3737523	A1	19890518	DE 1987-3737523	19871105
	US 5051407	A	19910924	US 1988-259932	19881019
	JP 01151593	A	19890614	JP 1988-273377	19881031
PRAI	DE 1987-3737523	A	19871105		
OS	MARPAT 113:126581				

L10 ANSWER 22 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1990:172331 CAPLUS

DN 112:172331

OREF 112:28907a,28910a

TI Moranoline derivatives as thrombolytics

IN Yoshikuni, Yoshiaki; Ojima, Nobutoshi; Mori, Kazuya

PA Nippon Shinyaku Co., Ltd., Japan

SO Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 319986	A2	19890614	EP 1988-120564	19881208
	EP 319986	A3	19920930		
	EP 319986	B1	19970312		
	R: AT, DE, IT, NL				
	GB 2213374	A	19890816	GB 1988-27927	19881130
	GB 2213374	B	19920129		
	IL 88573	A	19940530	IL 1988-88573	19881204
	JP 01250350	A	19891005	JP 1988-308548	19881206
	JP 07051505	B	19950605		
	FR 2626470	A1	19890804	FR 1988-16071	19881207
	FR 2626470	B1	19941209		
	CH 677610	A5	19910614	CH 1988-4527	19881207
	SE 8804436	A	19890610	SE 1988-4436	19881208
	SE 502110	C2	19950821		
	BE 1004874	A4	19930216	BE 1988-1375	19881208
	AT 149836	T	19970315	AT 1988-120564	19881208

	CA 1316831	C	19930427	CA 1988-585530	19881209
	US 5192772	A	19930309	US 1991-747454	19910812
	US 5292750	A	19940308	US 1992-941792	19920908
PRAI	JP 1987-311348	A	19871209		
	US 1988-281495	B1	19881208		
	US 1991-747454	A3	19910812		
OS	MARPAT 112:172331				

L10 ANSWER 23 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1989:128079 CAPLUS  
 DN 110:128079  
 OREF 110:20943a,20946a  
 TI Inhibition of intestinal  $\alpha$ -glucosidase and postprandial hyperglycemia by N-substituted moranoline derivatives [Erratum to document cited in CA109(15):121981y]  
 AU Yoshikuni, Yoshiaki; Ezure, Yohji; Aoyagi, Yoshiaki; Enomoto, Hiroshi  
 CS Res. Lab., Nippon Shinyaku Co., Ltd., Kyoto, 601, Japan  
 SO Journal of Pharmacobio-Dynamics (1988), 11(12), 849  
 CODEN: JOPHDQ; ISSN: 0386-846X  
 DT Journal  
 LA English

L10 ANSWER 24 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1988:521981 CAPLUS  
 DN 109:121981  
 OREF 109:20139a,20142a  
 TI Inhibition of intestinal  $\alpha$ -glucosidase and postprandial hyperglycemia by N-substituted moranoline derivatives  
 AU Yoshikuni, Yoshiaki; Ezure, Yohji; Aoyagi, Yoshiaki; Enomoto, Hiroshi  
 CS Res. Lab., Nippon Shinyaku Co., Ltd., Kyoto, 601, Japan  
 SO Journal of Pharmacobio-Dynamics (1988), 11(5), 356-62  
 CODEN: JOPHDQ; ISSN: 0386-846X  
 DT Journal  
 LA English

L10 ANSWER 25 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1986:627237 CAPLUS  
 DN 105:227237  
 OREF 105:36715a,36718a  
 TI Mannodeoxynojirimycin derivatives  
 IN Kinast, Guenther  
 PA Bayer A.-G. , Fed. Rep. Ger.  
 SO Ger. Offen., 37 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 3507019	A1	19860828	DE 1985-3507019	19850228
	EP 193770	A2	19860910	EP 1986-101966	19860217
	EP 193770	A3	19870513		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 61200967	A	19860905	JP 1986-38457	19860225
PRAI	DE 1985-3507019	A	19850228		
OS	CASREACT 105:227237; MARPAT 105:227237				

L10 ANSWER 26 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1984:530030 CAPLUS  
 DN 101:130030  
 OREF 101:19773a,19776a

TI Comparison of 'soft ionization' techniques with electron impact mass spectrometry for desoxinojirimycin and folic acid derivatives  
AU Wuensche, C.; Benninghoven, A.; Eicke, A.; Heinen, H. J.; Ritter, H. P.; Taylor, L. C. E.; Veith, J.  
CS Bayer A.-G., Wuppertal, D5600, Fed. Rep. Ger.  
SO Organic Mass Spectrometry (1984), 19(4), 176-82  
CODEN: ORMSBG; ISSN: 0030-493X  
DT Journal  
LA English

L10 ANSWER 27 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1982:563421 CAPLUS

DN 97:163421

OREF 97:27273a,27276a

TI Bispiperidine compounds

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shirahase, Ichiro

PA Nippon Shinyaku Co., Ltd., Japan

SO U.S., 4 pp. Cont.-in-part of U.S. Ser. No. 229,278, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 4336373	A	19820622	US 1981-247885	19810326
	JP 56108767	A	19810828	JP 1980-9173	19800128
	JP 63012063	B	19880317		
PRAI	JP 1980-9173	A	19800128		
	US 1981-229278	A2	19810128		
OS	MARPAT 97:163421				

L10 ANSWER 28 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1982:563420 CAPLUS

DN 97:163420

OREF 97:27273a,27276a

TI Quaternary ammonium-substituted N-cinnamylpiperidines

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shirahase, Ichiro

PA Nippon Shinyaku Co., Ltd. , Japan

SO U.S., 5 pp. Cont.-in-part of U.S. Ser. No. 229,277, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 4336374	A	19820622	US 1981-247884	19810326
	JP 56108768	A	19810828	JP 1980-9174	19800128
	JP 63012064	B	19880317		
PRAI	JP 1980-9174	A	19800128		
	US 1981-229277	A2	19810128		
OS	MARPAT 97:163420				

L10 ANSWER 29 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1982:163114 CAPLUS

DN 96:163114

OREF 96:26875a,26878a

TI Cinnamyl moranoline derivatives

IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shirahase, Ichiro

PA Nippon Shinyaku Co., Ltd., Japan  
 SO Brit. UK Pat. Appl., 7 pp.  
 CODEN: BAXXDU  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2067990	A	19810805	GB 1981-186	19810106
	GB 2067990	B	19840725		
	JP 56108768	A	19810828	JP 1980-9174	19800128
	JP 63012064	B	19880317		
	FR 2478094	A1	19810918	FR 1981-1519	19810127
	FR 2478094	B1	19830909		
	DE 3102768	A1	19820107	DE 1981-3102768	19810128
	CH 643831	A5	19840629	CH 1981-546	19810128
PRAI	JP 1980-9174	A	19800128		

L10 ANSWER 30 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1982:117597 CAPLUS  
 DN 96:117597

OREF 96:19243a,19246a  
 TI Herbicidal composition containing piperidine derivatives  
 IN Berg, Dieter; Junge, Bodo; Stoltefuss, Juergen; Schmidt, Robert Rudolf  
 PA Bayer A.-G. , Fed. Rep. Ger.  
 SO Ger. Offen., 30 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3024901	A1	19820128	DE 1980-3024901	19800701
PRAI	DE 1980-3024901	A	19800701		
OS	CASREACT 96:117597				

L10 ANSWER 31 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1982:35614 CAPLUS  
 DN 96:35614

OREF 96:5901a,5904a  
 TI Bis(moranoline) derivatives and their use for inhibiting an increase in blood sugar  
 IN Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Yagi, Masahiro; Kura, Kohei; Shiharase, Ichiro  
 PA Nippon Shinyaku Co., Ltd. , Japan  
 SO Fr. Demande, 10 pp.  
 CODEN: FRXXBL  
 DT Patent  
 LA French  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2474498	A1	19810731	FR 1981-1520	19810127
	FR 2474498	B1	19860926		
	JP 56108767	A	19810828	JP 1980-9173	19800128
	JP 63012063	B	19880317		
	GB 2067989	A	19810805	GB 1981-185	19810106
	GB 2067989	B	19840125		
	CH 643830	A5	19840629	CH 1981-514	19810127
	DE 3102769	A1	19820204	DE 1981-3102769	19810128
PRAI	JP 1980-9173	A	19800128		

L10 ANSWER 32 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:563893 CAPLUS

DN 95:163893

OREF 95:27307a,27310a

TI Plant growth regulators

PA Nippon Shinyaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 56083409	A	19810708	JP 1979-162214	19791213
	JP 61040201	B	19860908		
PRAI	JP 1979-162214	A	19791213		

L10 ANSWER 33 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:425527 CAPLUS

DN 95:25527

OREF 95:4471a,4474a

TI 3,4,5-Trihydroxypiperidine derivatives and their use as pharmaceuticals or in animal feeds

IN Boeshagen, Horst; Junge, Bodo; Stoltefuss, Juergen; Schmidt, Delf; Krause, Hans Peter; Puls, Walter

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 64 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 2922760	A1	19801211	DE 1979-2922760	19790605
	AU 8058525	A	19801211	AU 1980-58525	19800519
	AU 539847	B2	19841018		
	NO 8001553	A	19801208	NO 1980-1553	19800523
	EP 19899	A1	19801210	EP 1980-102943	19800527
	EP 19899	B1	19840718		
	R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	AT 8500	T	19840815	AT 1980-102943	19800527
	SU 1017168	A3	19830507	SU 1980-2926999	19800528
	IL 60210	A	19831130	IL 1980-60210	19800602
	FI 8001787	A	19801206	FI 1980-1787	19800603
	JP 55164676	A	19801222	JP 1980-73815	19800603
	JP 01000949	B	19890110		
	CA 1146558	A1	19830517	CA 1980-353274	19800603
	DK 8002432	A	19801206	DK 1980-2432	19800604
	ZA 8003330	A	19810624	ZA 1980-3330	19800604
	HU 24849	A2	19830428	HU 1980-1408	19800604
	HU 182143	B	19831228		
	SU 1050563	A3	19831023	SU 1981-3280253	19810507
	US 4465684	A	19840814	US 1981-323153	19811120
	DK 8402852	A	19840608	DK 1984-2852	19840608
	NO 8502778	A	19801208	NO 1985-2778	19850710
	DK 8603653	A	19860731	DK 1986-3653	19860731
	DK 8603654	A	19860731	DK 1986-3654	19860731
	DK 158981	B	19900813		
	DK 158981	C	19910107		
	DK 8603655	A	19860731	DK 1986-3655	19860731



	DK 157922	B	19900305
	DK 157922	C	19900820
PRAI	DE 1979-2922760	A	19790605
	EP 1980-102943	A	19800527
	US 1980-153286	A1	19800527
	DK 1980-2432	A	19800604
OS	MARPAT 95:25527		

L10 ANSWER 34 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:65995 CAPLUS

DN 94:65995

OREF 94:10781a,10784a

TI N-Substituted moranoline derivatives

PA Nippon Shinyaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 55047655	A	19800404	JP 1978-120661	19780929
	JP 59043949	B	19841025		
	GB 2020278	A	19791114	GB 1979-9865	19790321
	GB 2020278	B	19830223		
	DE 2915037	A1	19791108	DE 1979-2915037	19790412
	DE 2915037	B2	19810129		
	DE 2915037	C3	19811105		
	FR 2424910	A1	19791130	FR 1979-10559	19790425
	FR 2424910	B1	19811211		
	US 4533668	A	19850806	US 1979-33839	19790427
	AT 7903247	A	19821115	AT 1979-3247	19790430
	AT 371439	B	19830627		
	DK 7901783	A	19791104	DK 1979-1783	19790501
	DK 151623	B	19871221		
	DK 151623	C	19880718		
	SE 7903817	A	19791104	SE 1979-3817	19790502
	SE 436874	B	19850128		
	SE 436874	C	19850509		
	NL 7903421	A	19791106	NL 1979-3421	19790502
	NL 175820	B	19840801		
	NL 175820	C	19850102		
	BE 876020	A1	19790903	BE 1979-194978	19790503
	CH 642629	A5	19840430	CH 1979-4158	19790503
	AT 8102786	A	19830415	AT 1981-2786	19810623
	AT 372945	B	19831125		
	SE 8402549	A	19840511	SE 1984-2549	19840511
	SE 451015	B	19870824		
	SE 451015	C	19871203		
	SE 8402550	A	19840511	SE 1984-2550	19840511
	SE 451016	B	19870824		
	SE 451016	C	19871203		
	SE 8402551	A	19840511	SE 1984-2551	19840511
	SE 451017	B	19870824		
	SE 451017	C	19871203		
PRAI	JP 1978-53603	A	19780503		
	JP 1978-82606	A	19780706		
	JP 1978-120661	A	19780929		
	JP 1979-5714	A	19790120		
	AT 1979-3247	A	19790430		
OS	MARPAT 94:65995				

L10 ANSWER 35 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1981:30982 CAPLUS  
 DN 94:30982  
 OREF 94:5119a,5122a  
 TI Cinnamylmoranoline derivatives  
 PA Nippon Shinyaku Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 55098163	A	19800725	JP 1979-5714	19790120
	JP 60026387	B	19850624		
	GB 2020278	A	19791114	GB 1979-9865	19790321
	GB 2020278	B	19830223		
	DE 2915037	A1	19791108	DE 1979-2915037	19790412
	DE 2915037	B2	19810129		
	DE 2915037	C3	19811105		
	FR 2424910	A1	19791130	FR 1979-10559	19790425
	FR 2424910	B1	19811211		
	US 4533668	A	19850806	US 1979-33839	19790427
	AT 7903247	A	19821115	AT 1979-3247	19790430
	AT 371439	B	19830627		
	DK 7901783	A	19791104	DK 1979-1783	19790501
	DK 151623	B	19871221		
	DK 151623	C	19880718		
	SE 7903817	A	19791104	SE 1979-3817	19790502
	SE 436874	B	19850128		
	SE 436874	C	19850509		
	BE 876020	A1	19790903	BE 1979-194978	19790503
	CH 642629	A5	19840430	CH 1979-4158	19790503
	AT 8102787	A	19821115	AT 1981-2787	19810623
	AT 371441	B	19830627		
	SE 8402549	A	19840511	SE 1984-2549	19840511
	SE 451015	B	19870824		
	SE 451015	C	19871203		
	SE 8402550	A	19840511	SE 1984-2550	19840511
	SE 451016	B	19870824		
	SE 451016	C	19871203		
	SE 8402551	A	19840511	SE 1984-2551	19840511
	SE 451017	B	19870824		
	SE 451017	C	19871203		
PRAI	JP 1978-53603	A	19780503		
	JP 1978-82606	A	19780706		
	JP 1978-120661	A	19780929		
	JP 1979-5714	A	19790120		
	AT 1979-3247	A	19790430		

L10 ANSWER 36 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN  
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 DN 92:147138  
 OREF 92:23933a,23936a  
 TI Moranoline derivatives  
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FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 876020	A1	19790903	BE 1979-194978	19790503
	JP 54145672	A	19791114	JP 1978-53603	19780503
	JP 59043947	B	19841025		
	JP 55009051	A	19800122	JP 1978-82606	19780706
	JP 59043948	B	19841025		
	JP 55047655	A	19800404	JP 1978-120661	19780929
	JP 59043949	B	19841025		
	JP 55098163	A	19800725	JP 1979-5714	19790120
	JP 60026387	B	19850624		
	AT 8102785	A	19821115	AT 1981-2785	19810623
	AT 371440	B	19830627		
PRAI	JP 1978-53603	A	19780503		
	JP 1978-82606		19780706		
	JP 1978-120661		19780929		
	JP 1979-5714		19790120		
	AT 1979-3247	A	19790430		

L10 ANSWER 37 OF 37 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1980:76884 CAPLUS

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OREF 92:12683a,12686a

TI 3,4,5-Trihydroxypiperidine derivatives

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DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2758025	A1	19790712	DE 1977-2758025	19771224
	NO 7802713	A	19790228	NO 1978-2713	19780809
	NO 154918	B	19861006		
	NO 154918	C	19870114		
	US 4639436	A	19870127	US 1978-936280	19780823
	AU 7839214	A	19800228	AU 1978-39214	19780824
	IL 55423	A	19820930	IL 1978-55423	19780824
	DK 7803776	A	19790228	DK 1978-3776	19780825
	DK 152753	B	19880509		
	DK 152753	C	19881031		
	FI 7802607	A	19790228	FI 1978-2607	19780825
	FI 72715	B	19870331		
	FI 72715	C	19870710		
	EP 947	A1	19790307	EP 1978-100750	19780825
	EP 947	B1	19810114		
	EP 947	B2	19841010		
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	JP 54046786	A	19790412	JP 1978-102974	19780825
	JP 62031703	B	19870709		
	CA 1123437	A1	19820511	CA 1978-310084	19780825
	HU 24612	A2	19830328	HU 1978-BA3696	19780825
	HU 182449	B	19840130		
	AT 7806217	A	19830515	AT 1978-6217	19780825
	AT 373239	B	19831227		
	AU 7839304	A	19800306	AU 1978-39304	19780828

AU 520686	B2	19820218		
US 4260622	A	19810407	US 1979-77507	19790920
SU 1014470	A3	19830423	SU 1981-3276192	19810427
AT 8105331	A	19840415	AT 1981-5331	19811214
AT 376420	B	19841126		
SU 1087074	A3	19840415	SU 1982-3403315	19820316
AT 8302271	A	19850215	AT 1983-2271	19830621
AT 378771	B	19850925		
AT 8304153	A	19840415	AT 1983-4153	19831128
AT 376421	B	19841126		
DK 8402848	A	19840608	DK 1984-2848	19840608
DK 152122	B	19880201		
DK 152122	C	19880620		
DK 8402850	A	19840608	DK 1984-2850	19840608
DK 152123	B	19880201		
DK 152123	C	19880620		
FI 8500194	A	19850116	FI 1985-194	19850116
FI 72716	B	19870331		
FI 72716	C	19870710		
FI 8500195	A	19850116	FI 1985-195	19850116
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FI 72717	C	19870710		
PRAI DE 1977-2738171	A	19770827		
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DE 1977-2758025	A	19771224		
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AT 1978-6217	A	19780825		
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